



ADVANTAGES

- Easy Maintenance Operations
- Energy saving

FEATURES

- External Mechanical Seal available with different material combinations
- Tmax exercise: PP 75°C - PVDF 95°C
- Connections:
 - socket union for rigid piping connection with PP, PVC, PVDF union ends choice
 - hose barb for hose connetctions
 - flanged

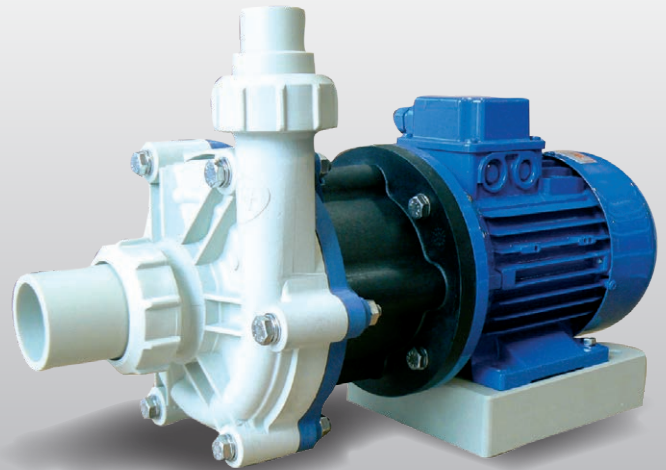
APPLICATION FIELDS

- Acid and alkaline soutions with minimal solid suspended particles
- Electroplating, Chemical, PCB industry

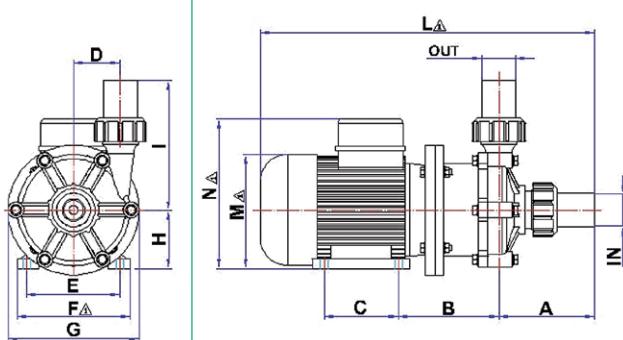
SPECIFICATIONS

	Flow Rate max (l/min.)	Head max (m)	Motor (kw)	IN/OUT D (mm)	T max (°C)	Weight* (kg)
50 Hz	485	23	0,55	63 x 50	PP: 75	PP: 22,00
60 Hz	485	23	0,55	63 x 50	PVDF: 95	PVDF: 25,00

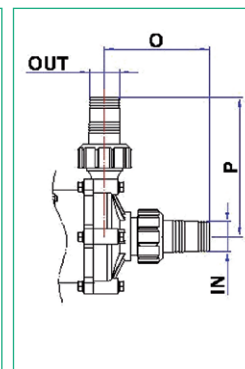
* It depends on the motor



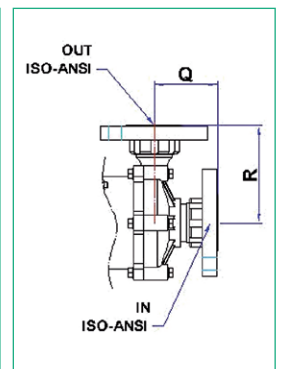
CONNECTION TYPE B



CONNECTION TYPE P



CONNECTION TYPE F



Dimensions:

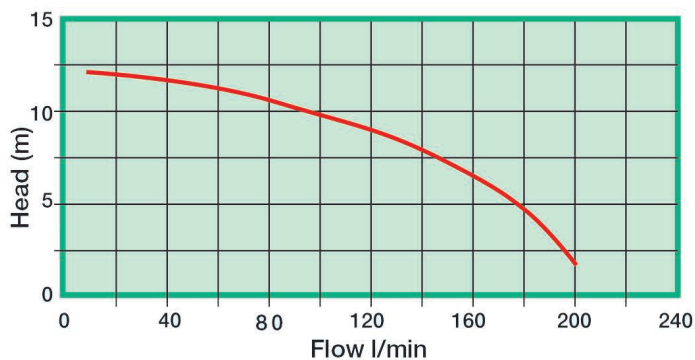
Mod.	A	B	C	D	E	F△	G	H	I	L△	M△	N△	O	P	Q	R	IN	OUT
EVM12	108	174	90	65	112	136	195	71	155	446	137	170	153,0	200	67	125	50	32

△ It changes according with motor supplier

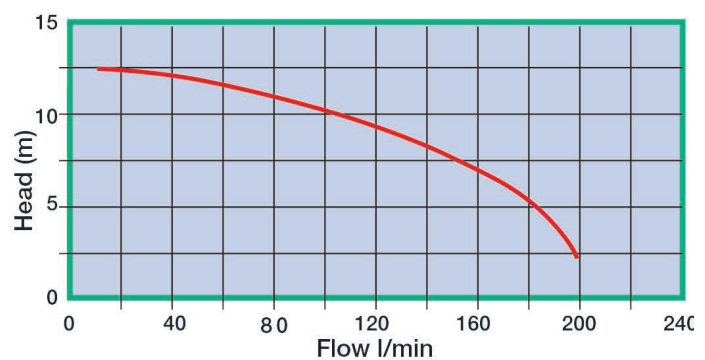
PUMP IDENTIFICATION

Model	Pump body	Shaft	Mechanical seal Rotating - Static	O-Ring	Connections	Motor / rpm
EVM 12	P = PP F = PVDF	X = AISI 316 T = TITANIO H = HASTELLOI	2 = PTFE CERAMIC 3 = CARBON - CERAMIC 4 = SIC - SIC 5 = CARBON - SIC 6 = SIC - CERAMIC	E = EPDM V = VITON	B = Socket union F = Flanged P = Hosebarb	A = 50 Hz / 2800 B = 60 Hz / 3400
EVM 12	P	X	3	E	B	A

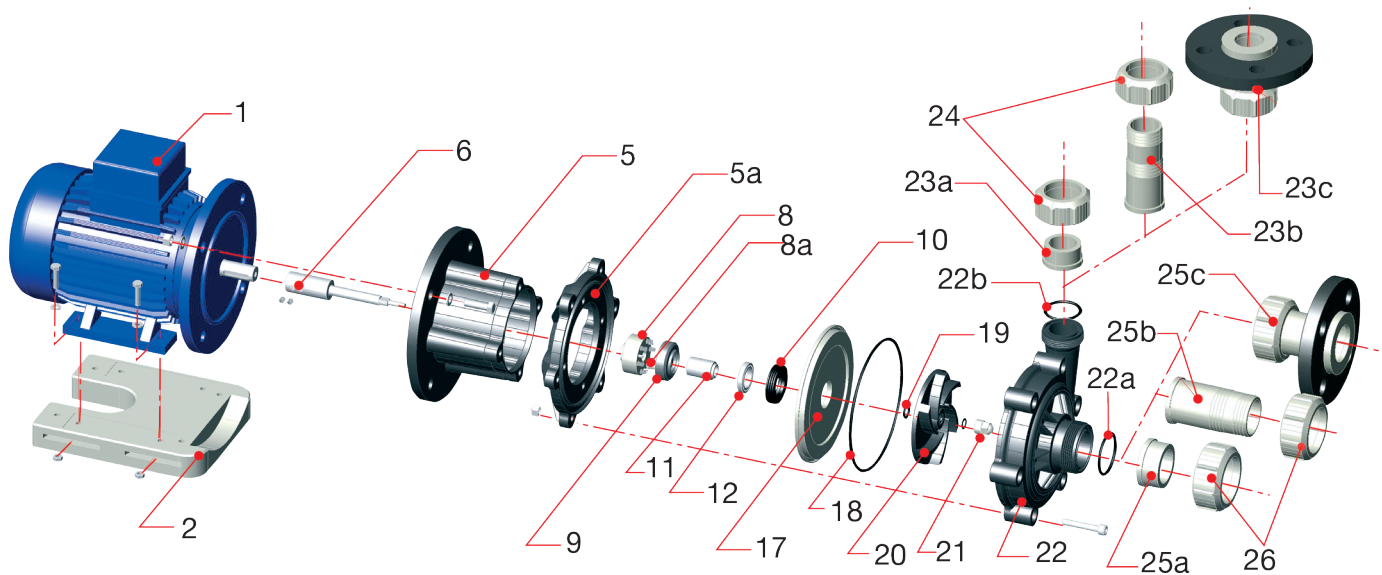
Performance Curve 50 Hz - Rpm 2800



Performance Curve 60 Hz - Rpm 3400



Curves refer to water T = 20°C



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|----------------------------|--------------------------------|-----------------------------------|
| 1 Motor | 12 Static ring | 23a Rigid piping discharge attack |
| 2 Motor Base | 17 Pump housing flange | 23b Hosebarb discharge attack |
| 5 Bracket | 18 Pump housing O-Ring | 23c Flanged suction attack |
| 5a Flange Bracket | 19 Impeller O-Ring | 24 Discharge gear |
| 6 Shaft | 20 Impeller | 25 Suction manifold |
| 8 Mechanical seal body | 21 Ogive nut | 25a Rigid piping discharge attack |
| 8a Mechanical seal springs | 22 Pump body | 25b Hosebarb discharge attack |
| 9 Rotating ring | 22a Suction pump body O-Ring | 25c Flanged suction attack |
| 10 O-Ring | 22b Discharge pump body O-Ring | 26 Suction gear |
| 11 Shaft sleeve | 23 Discharge manifold | |

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